

ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

DCL @ 100kHz/100mVRMS
8mA DC BIAS

350 μ H MIN.

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz

-30 dB MIN

CM TO DM REJ

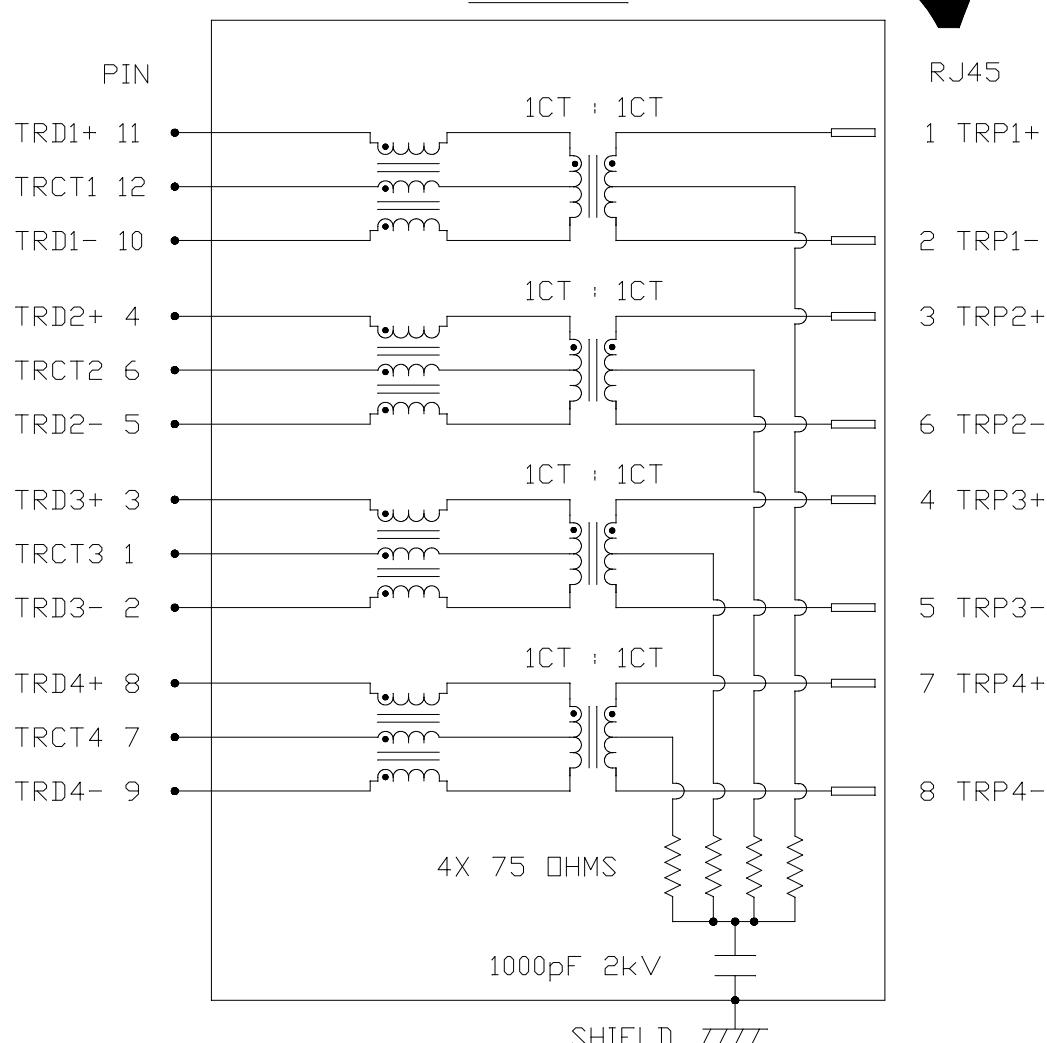
100kHz - 100MHz

-35 dB MIN

HIPOT (Isolation Voltage):

100% OF PRODUCTION TESTED
TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

OPERATING TEMPERATURE: -40 TO +85°C

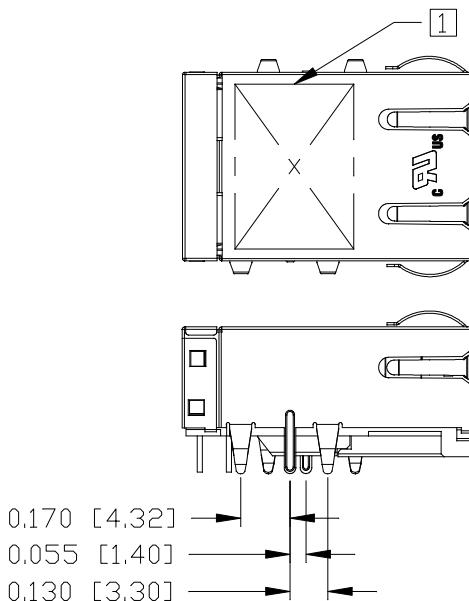


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		
DRAWN BY	DATE		L835-1X1T-32	.X	.XX	.XXX	UNIT : INCH [mm]	REV. : PD
CHOW WANCHUNG	2014-11-19	(Extended temperature, Tab Down)	L835-1X1T-32_P.D.DWG				SCALE : N/A	SIZE : A4
LI ZHENGZHONG	2014-11-19							PAGE : 2

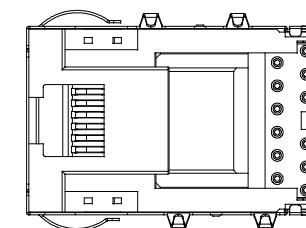
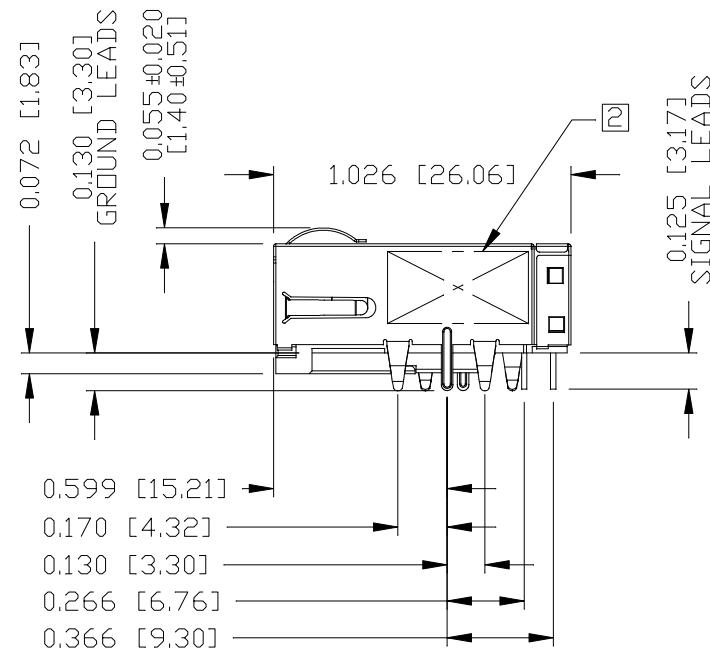
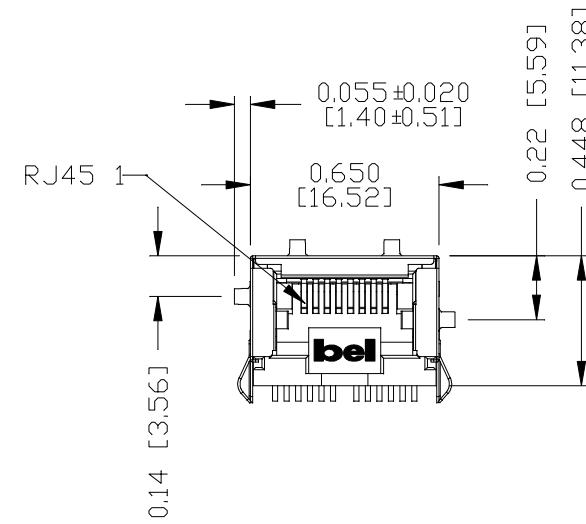
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RoHS

PRELIMINARY



MECHANICAL SPECIFICATION



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

[1] MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.

[2] MARKING "PATENTED".

3. THE PRODUCT IS RoHS COMPLIANT.

4. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE

U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.



UL RECOGNIZED - FILE #E196366 AND E169987.

5. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY	DATE		FILE NAME	X	UNIT : INCH [mm]	REV. : PD
ANTON LIAO	2014-11-19	gigabit MagJack ® (Extended temperature, Tab Down)	L835-1X1T-32	.XX	±0.020	SCALE : N/A
JESSE LI	2014-11-19	PATENTED	L835-1X1T-32_PD.DWG	.XXX	±0.010	SIZE : A4

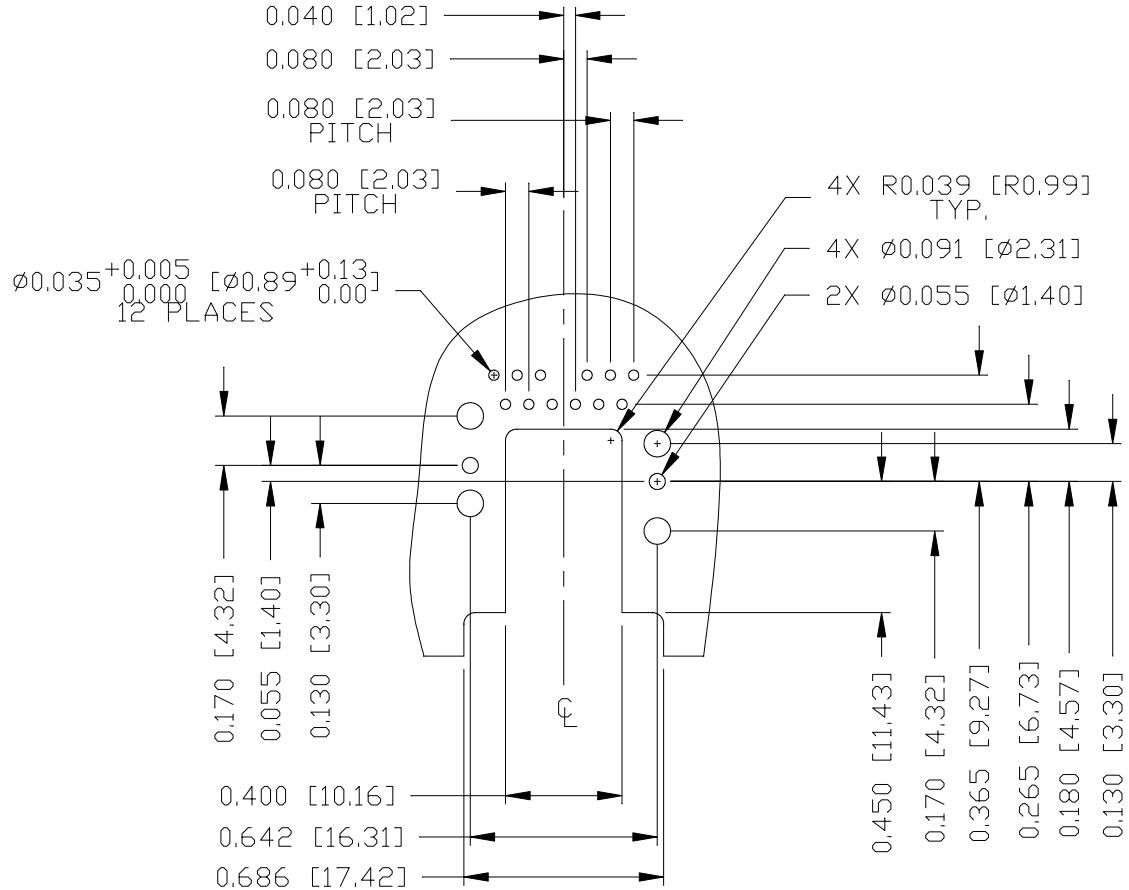


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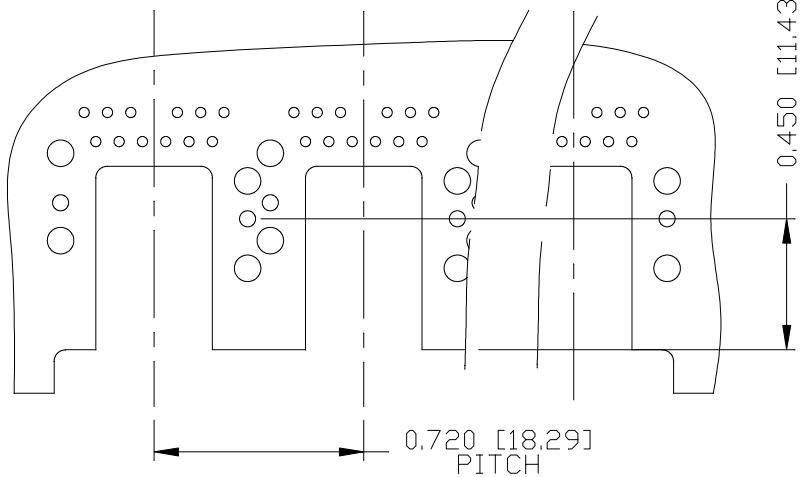
PRELIMINARY

RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT

PIN-OUT ASSIGNMENT
(SCALE 1.5:1)

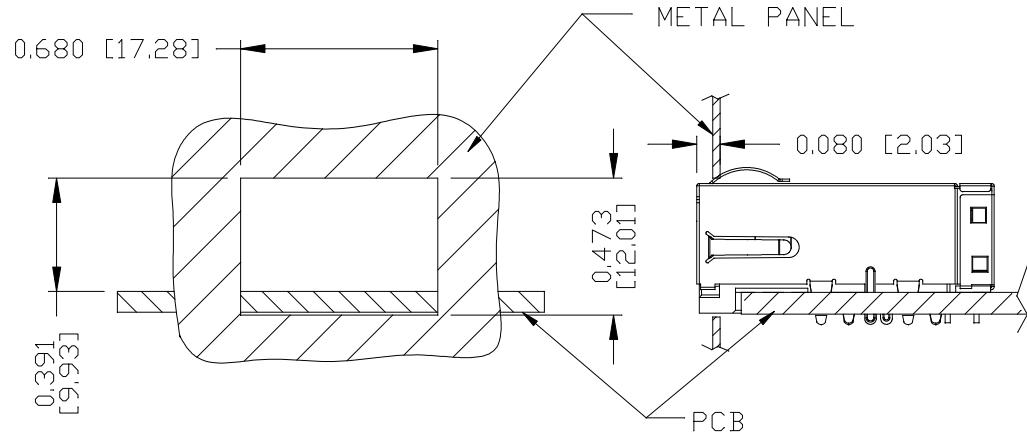


FOR MULTI-UNITS

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DRAWN BY	DATE			.X	.XX	UNIT : INCH [mm]	REV. : PD
ANTON LIAO	2014-11-19	gigabit MagJack ® (Extended temperature, Tab Down)	L835-1X1T-32	.XX	XX	SCALE : N/A	SIZE : A4
JESSE LI	2014-11-19	PATENTED	L835-1X1T-32_PD.DWG	XXX	±0.004	PAGE : 4	

bel
COMPONENTS FOR
CONNECTED PLANET

SUGGESTED PANEL OPENING



NOTE:

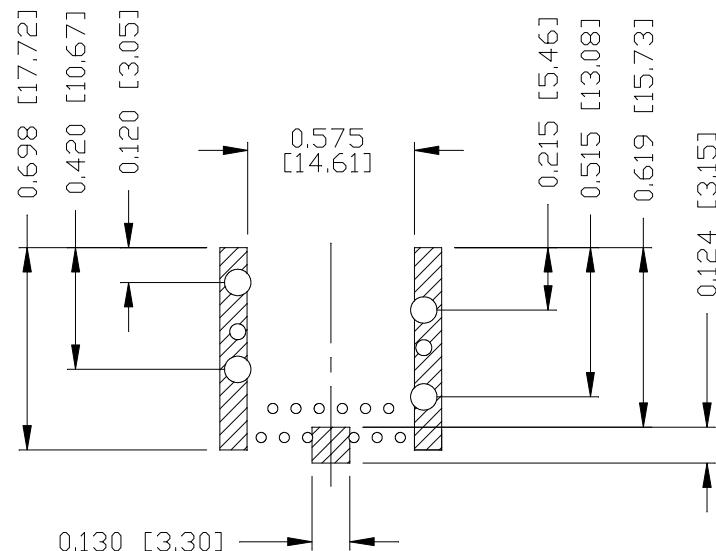
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

TRAY PACKING INFORMATION

PACKING TRAY : 0200-9999-M3(TOP)
 0200-9999-M4(BOTTOM)

PACKING QUANTITY : 65 PCS FINISHED GOODS PER TRAY,
 12 TRAYS (780 PCS FINISHED GOODS) PER CARTON BOX.

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE
 CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)



THE SHADED AREA ON THE CUSTOMER BOARD ARE
 RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
 COMPONENT PAD.

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ANTON LIAO	2014-11-19	gigabit MagJack® (Extended temperature,Tab Down)	L835-1X1T-32	.X			SIZE : A4
JESSE LI	2014-11-19	PATENTED	L835-1X1T-32_PD.DWG	.XX			PAGE : 5